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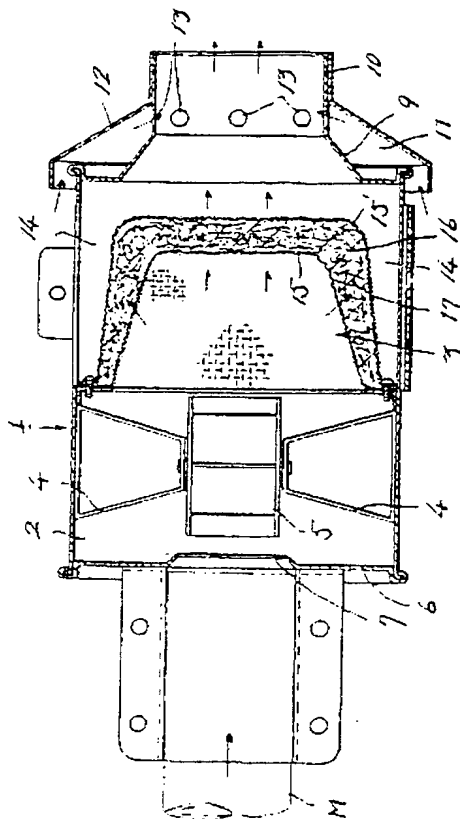
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TITLE : EXHAUST GAS PURIFYING DEVICE IN
 AUTOMOBILE



ABSTRACT : PURPOSE: To purify detrimental substances in exhaust gas, by providing a reaction chamber charged with a fibrous catalyst, between a rotary impeller and air inlet holes.

CONSTITUTION: An impeller is disposed being opposed to an exhaust gas inlet hole 7 in a cylindrical body 1. Further, there is formed a reaction chamber 3 filled with a fibrous catalyst 16 between a pair of clamping members 15 made of metal gauze, etc., downstream of the impeller. A conical guide member 9 is provided further downstream of the impeller, and air holes 13 are formed downstream of the member 9. Exhaust gas containing detrimental substances are sufficiently agitated by the impeller and oxidized by the fibrous catalyst 16, and is then purified by secondary air fed through the air inlet holes 13.

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